

FIG. 1

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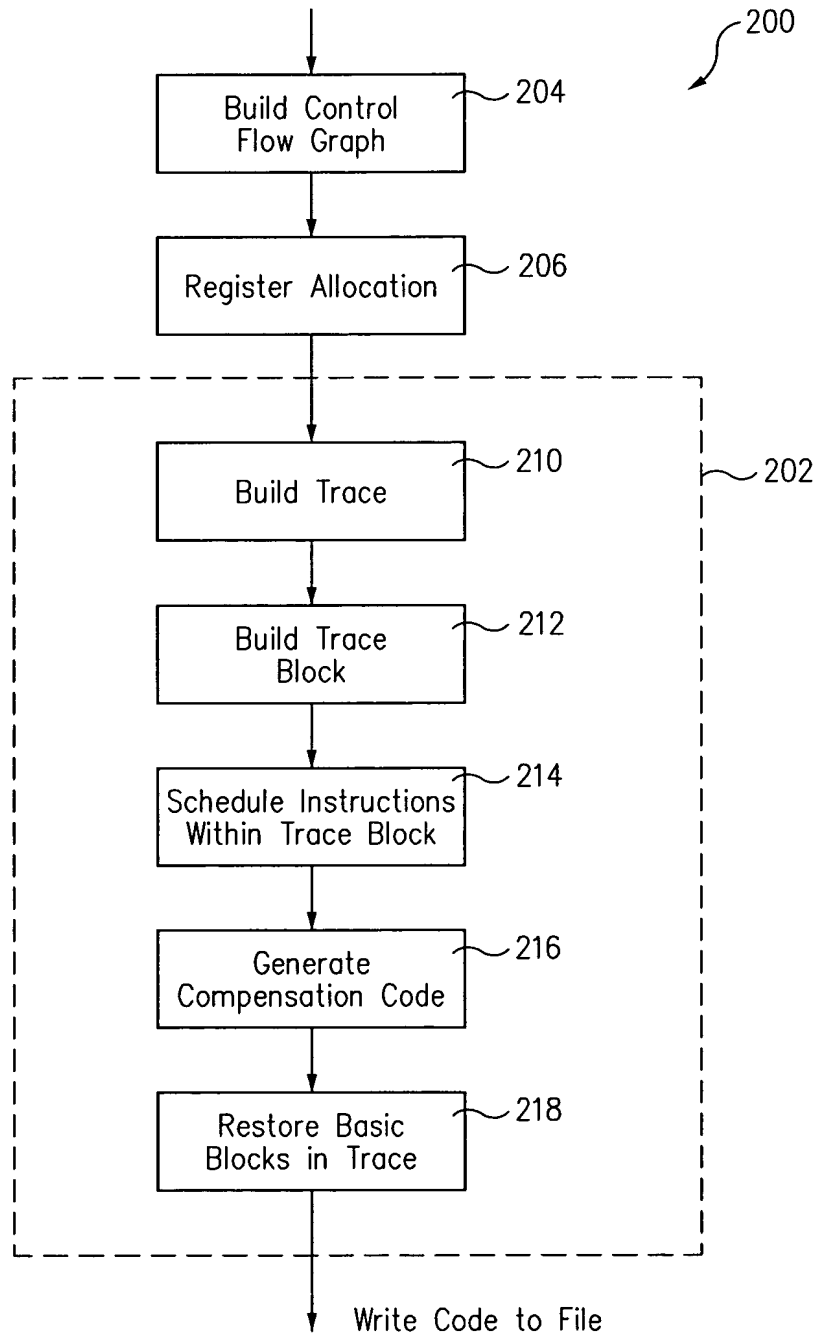
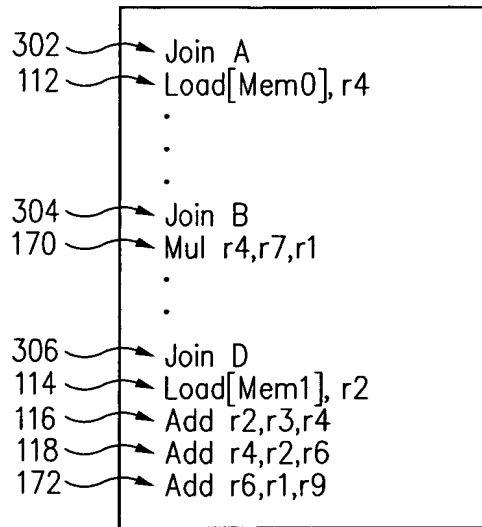
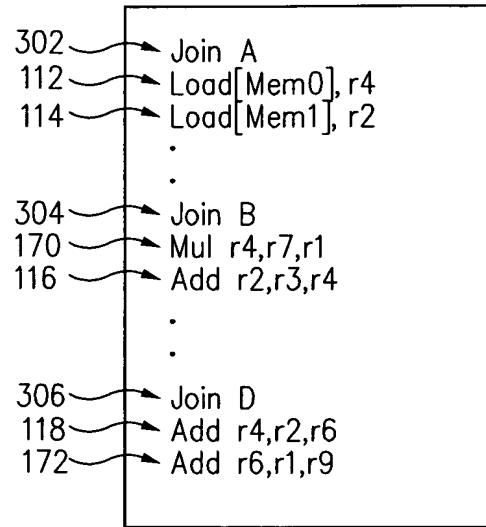


FIG. 2

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300 → FIG. 3



300 → FIG. 6

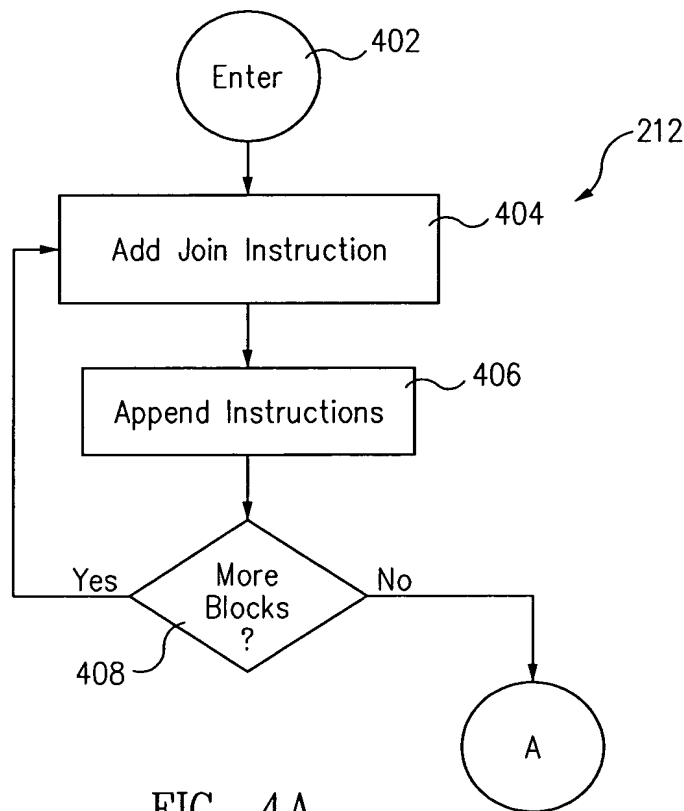


FIG. 4A

Join B → Used {r1,r4,r7}

FIG. 5

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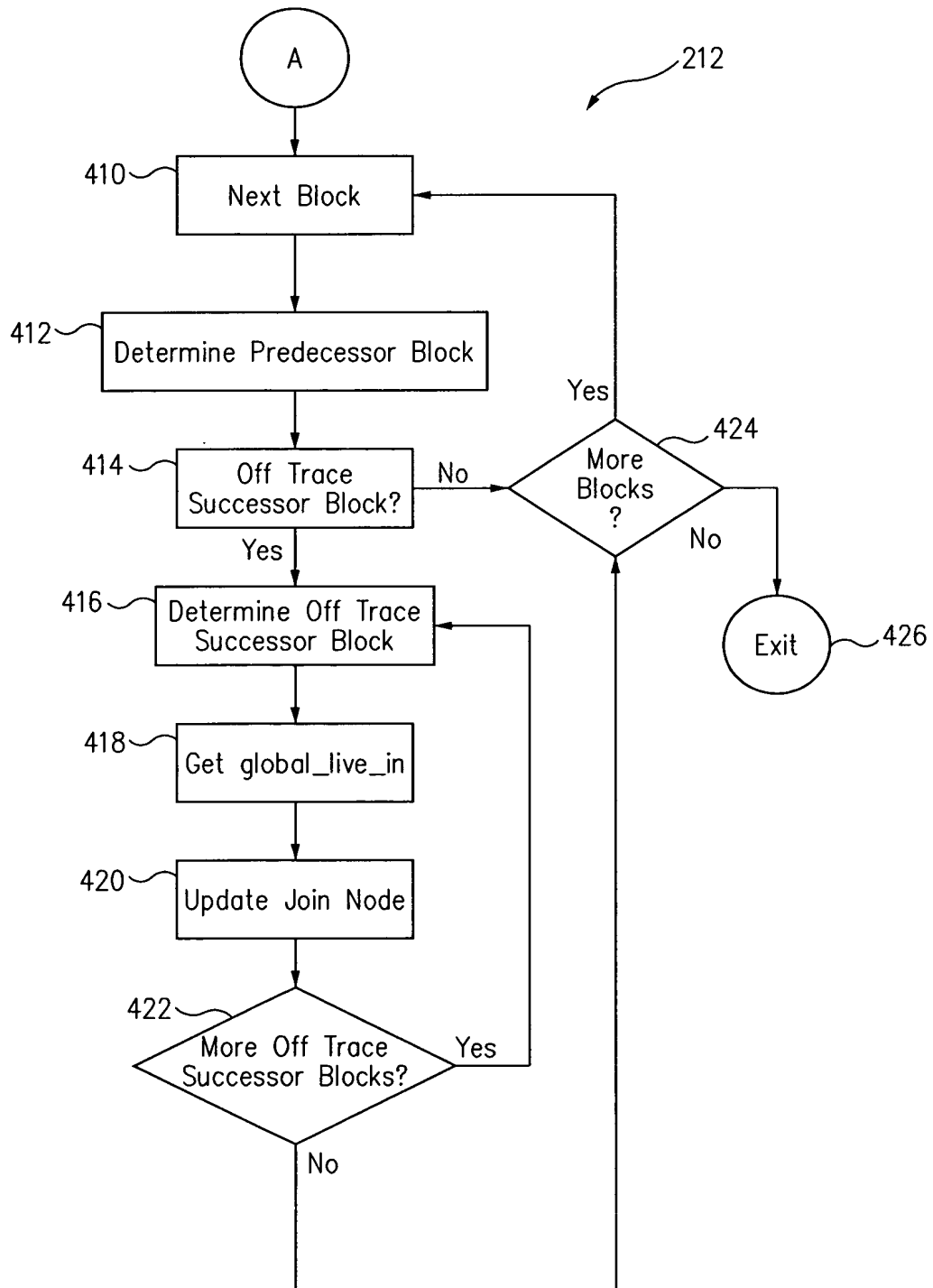


FIG. 4B

FIG. 7

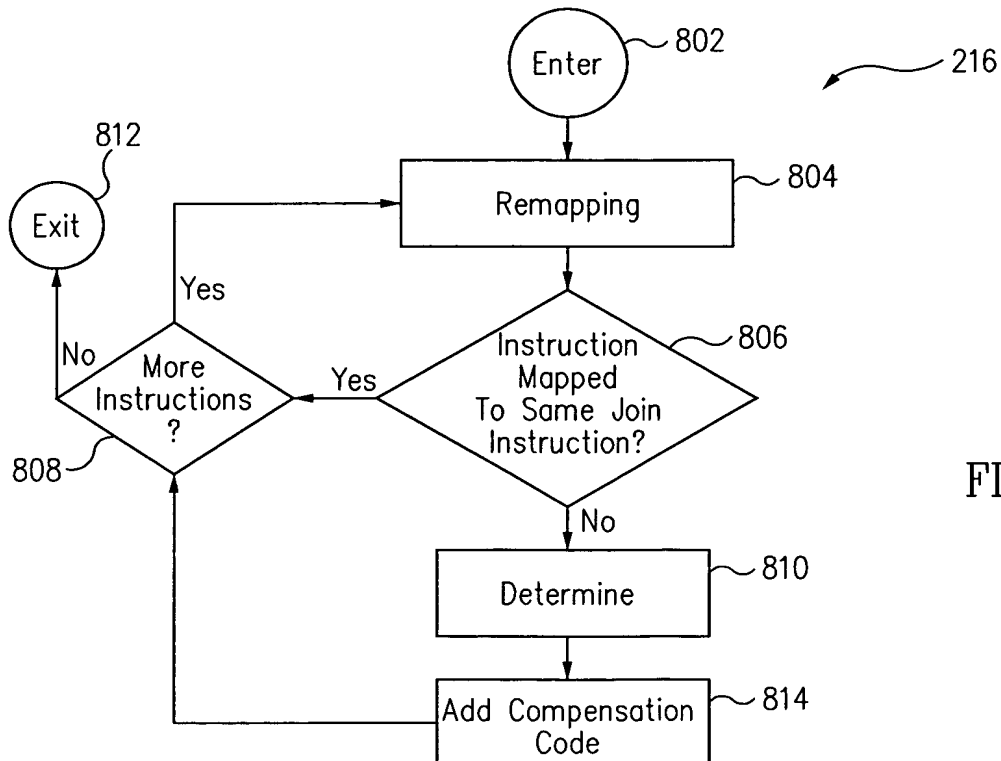
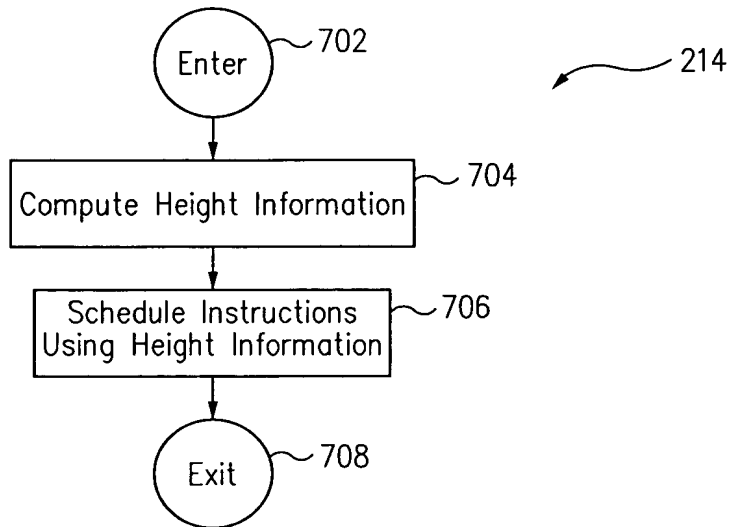


FIG. 8

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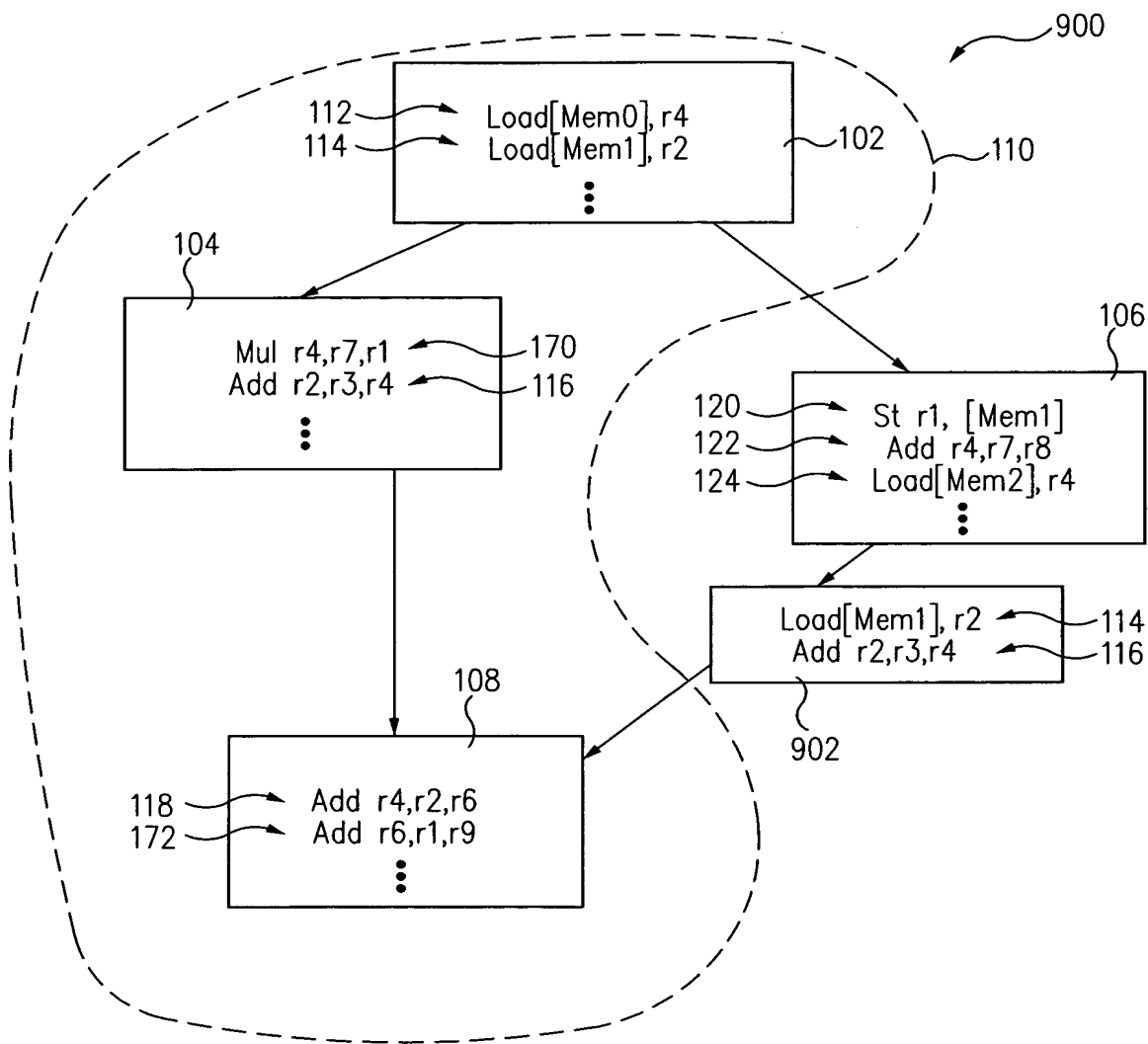


FIG. 9

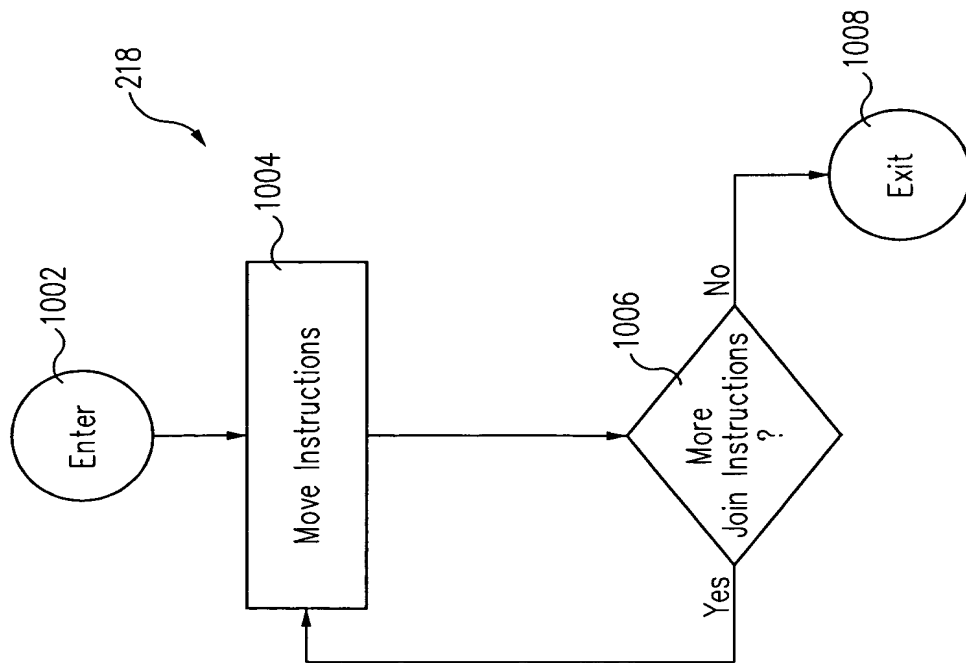


FIG. 10

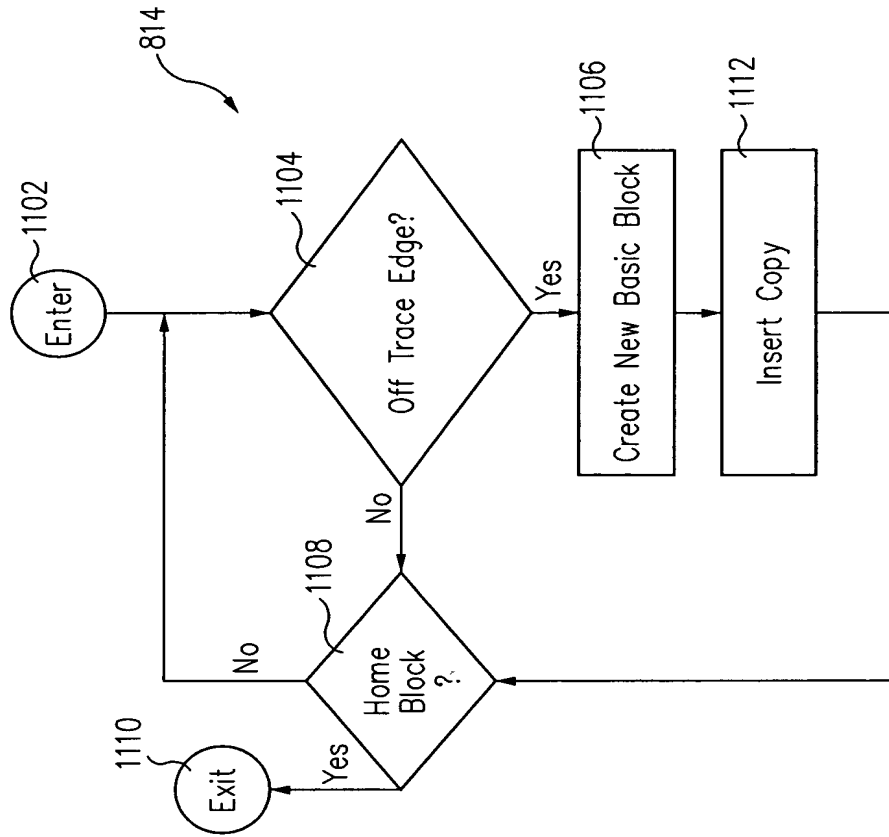


FIG. 11

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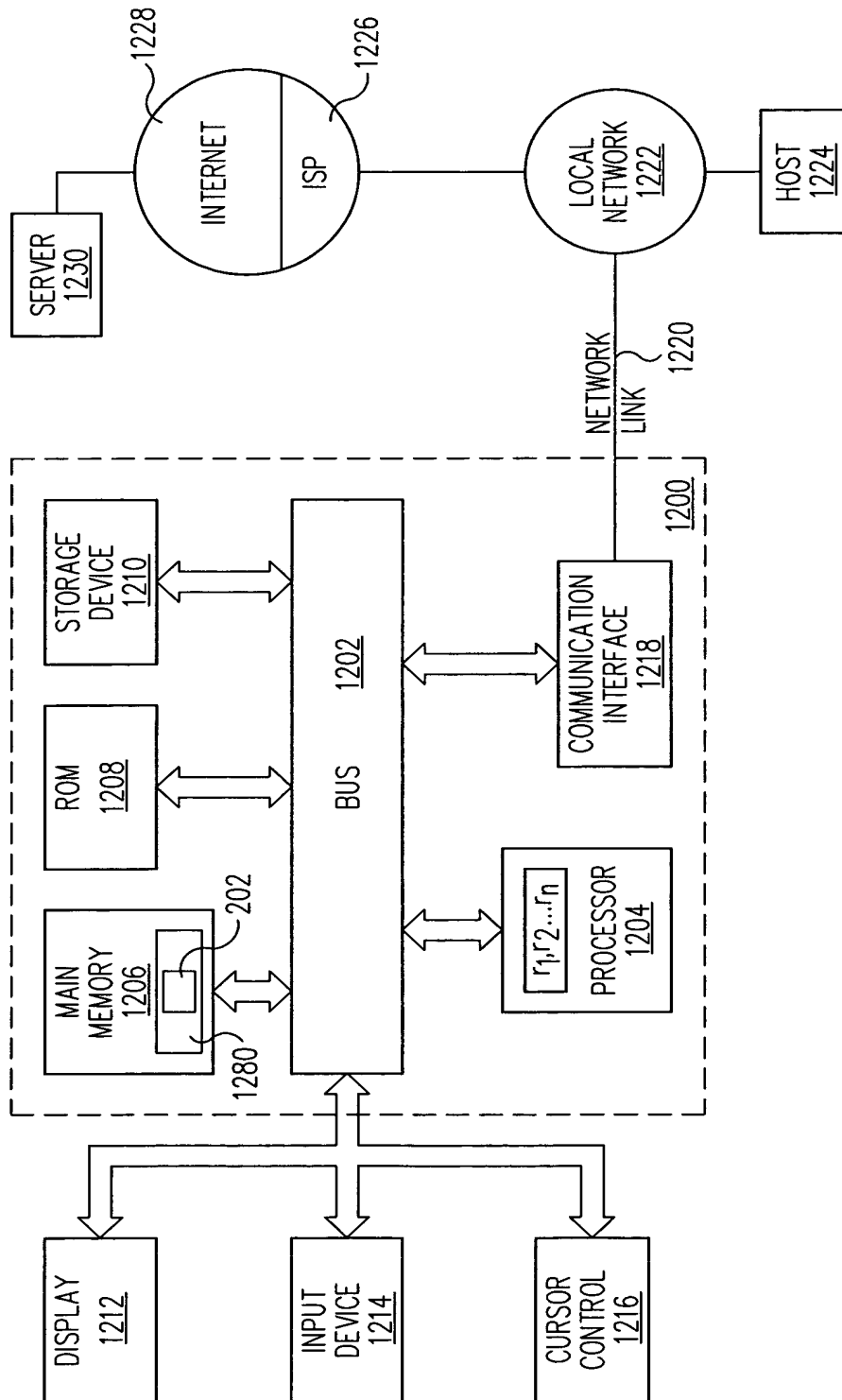


FIG. 12